

Date: Tue, 25 Jan 94 04:42:33 PST
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>
Errors-To: Info-Hams-Errors@UCSD.Edu
Reply-To: Info-Hams@UCSD.Edu
Precedence: Bulk
Subject: Info-Hams Digest V94 #73
To: Info-Hams

Info-Hams Digest Tue, 25 Jan 94 Volume 94 : Issue 73

Today's Topics:

 <WANTED> SM-220, transverter, scanner
 ARLB010 QSL Bureau statistics
 ARLX004 TAPR Annual meeting
 ARLX005 Scholarships announced
 ARLX006 Film gets honors
 Communications Quarterly
 CW Books
Daily Summary of Solar Geophysical Activity for 24 January
Global Alert For All: Jesus is Coming Soon
 LA Comms
Weekly Solar Terrestrial Forecast & Review for 22 January
 WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text
herein consists of personal comments and does not represent the official
policies or positions of any party. Your mileage may vary. So there.

Date: 21 Jan 94 13:54:58 GMT
From: cs.yale.edu!csusys.ctstateu.edu!white@yale.arpa
Subject: <WANTED> SM-220, transverter, scanner
To: info-hams@ucsd.edu

WANTED:

Kenwood SM-220 station monitor
10m->2m transverter
Older scanner with 137-138 MHz
APT demodulator/software

Replies and offers to white@csusys.ctstateu.edu

Date: Mon, 24 Jan 1994 09:53:54 -0700
From: qualcomm.com!vixen.cso.uiuc.edu!howland.reston.ans.net!usc!
yeshua.marcam.com!zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!alberta!ve6mgs!
usenet@network.ucsd.edu
Subject: ARLB010 QSL Bureau statistics
To: info-hams@ucsd.edu

SB QST @ ARL \$ARLB010
ARLB010 QSL Bureau statistics

ZCZC AG74
QST de W1AW
ARRL Bulletin 10 ARLB010

Date: Mon, 24 Jan 1994 09:52:59 -0700
From: qualcomm.com!vixen.cso.uiuc.edu!howland.reston.ans.net!usc!
yeshua.marcam.com!zip.eecs.umich.edu!destroyer!nntp.cs.ubc.ca!alberta!ve6mgs!
usenet@network.ucsd.edu
Subject: ARLX004 TAPR Annual meeting
To: info-hams@ucsd.edu

SB SPCL @ ARL \$ARLX004
ARLX004 TAPR Annual meeting

ZCZC AX36
QST de W1AW
Special Bulletin 4 ARLX004

Date: Mon, 24 Jan 1994 09:54:28 -0700
From: qualcomm.com!vixen.cso.uiuc.edu!newsrelay.iastate.edu!destroyer!
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: ARLX005 Scholarships announced
To: info-hams@ucsd.edu

SB SPCL @ ARL \$ARLX005
ARLX005 Scholarships announced

ZCZC AX37
QST de W1AW
Special Bulletin 5 ARLX005

Date: Mon, 24 Jan 1994 09:54:59 -0700
From: qualcomm.com!vixen.cso.uiuc.edu!newsrelay.iastate.edu!destroyer!
nntp.cs.ubc.ca!alberta!ve6mgs!usenet@network.ucsd.edu
Subject: ARLX006 Film gets honors
To: info-hams@ucsd.edu

SB SPCL @ ARL \$ARLX006
ARLX006 Film gets honors

ZCZC AX38
QST de W1AW
Special Bulletin 6 ARLX006

Date: 21 Jan 94 13:25:18 GMT
From: Germany.EU.net!netmbx.de!zib-berlin.de!news.th-darmstadt.de!fauern!rz.unibw-
muenchen.de!claudio@uunet.uu.net
Subject: Communications Quarterly
To: info-hams@ucsd.edu

How can I contact the members of the Editorial Board via E-Mail ?

Thanks for helping me.

--

Claude F.

This message may contain opinions which are not shared by my employer.
The facts can speak for themselves.

Date: 21 Jan 94 12:40:51 GMT
From: agate!howland.reston.ans.net!europa.eng.gtefsd.com!emory!news-
feed-1.peachnet.edu!ukma!eng.ufl.edu!usenet.ufl.edu!mailer.acns.fsu.edu!
freenet2.scri.fsu.edu!connie2@ucbvax.berkeley.edu
Subject: CW Books
To: info-hams@ucsd.edu

No, you do not have to pass the 5 WPM test if you've passed the
13 WPM test.

Yes, you can go straight to General Class in one session, i.e.,
by passing the two written elements and the 13 WPM code test at
one sitting.

Yes, it is a practical objective to aim your initial speed into the 13-15 WPM range. [I agree, 5 WPM and 13 WPM speeds do sound like two different languages. I find it very difficult to copy at speeds below 10 WPM..the characters just don't sound "right".]

Do become very familiar with the typical CW QSO format. It is what is used in administering the code test. Be able to identify call signs, signal reports, locations, equipment and names..all of these will be part of the code test.

Good luck,
Michael Christie, K7RLS
Crawfordville, Florida

Date: Mon, 24 Jan 1994 22:14:48 MST
From: destroyer!nntp.cs.ubc.ca!alberta!ve6mgs!usenet@uunet.uu.net
Subject: Daily Summary of Solar Geophysical Activity for 24 January
To: info-hams@ucsd.edu

/\

DAILY SUMMARY OF SOLAR GEOPHYSICAL ACT

24 JANUARY, 1994

/\

(Based In-Part On SESC Observational Data)

SOLAR AND GEOPHYSICAL ACT

!!BEGIN!! (1.0) S.T.D. Solar Geophysical Data Broadcast for DAY 024, 01/24/94
10.7 FLUX=129.1 90-AVG=104 SSN=106 BKI=1012 0110 BAI=002
BGND-XRAY=B3.8 FLU1=6.2E+05 FLU10=1.0E+04 PKI=2112 0111 PAI=003
BOU-DEV=008,004,009,016,004,005,005,002 DEV-AVG=006 NT SWF=00:000
XRAY-MAX= C1.3 @ 1634UT XRAY-MIN= B3.2 @ 0322UT XRAY-AVG= B5.4
NEUTN-MAX= +003% @ 0915UT NEUTN-MIN= -002% @ 0320UT NEUTN-AVG= +0.3%
PCA-MAX= +0.1DB @ 0825UT PCA-MIN= -0.4DB @ 0705UT PCA-AVG= +0.0DB
BOUTF-MAX=55344NT @ 1453UT BOUTF-MIN=55331NT @ 1820UT BOUTF-AVG=55339NT
GOES7-MAX=P:+000NT@ 0000UT GOES7-MIN=N:+000NT@ 0000UT G7-AVG=+077,+000,+000
GOES6-MAX=P:+127NT@ 1909UT GOES6-MIN=N:-050NT@ 0839UT G6-AVG=+099,+026,-025
FLUXFCST=STD:130,130,135;SESC:130,130,135 BAI/PAI-FCST=005,020,020/010,018,020
KFCST=2233 3222 3334 4422 27DAY-AP=003,003 27DAY-KP=0100 1122 1110 1111

WARNINGS=*SWF
ALERTS=
!!END-DATA!!

NOTE: The Effective Sunspot Number for 23 JAN 94 was 50.0.
The Full Kp Indices for 23 JAN 94 are: 2- 2- 1o 2- 2- 1o 2- 2-

SYNOPSIS OF ACT

Solar activity was at low levels. Region 7661 (N08E37) was numbered today. The flux has experienced a significant increase, possibly due to Region 7661.

Solar activity forecast: solar activity is expected to be mostly at low levels.

The geomagnetic field has been at quiet levels for the past 24 hours.

Geophysical activity forecast: the geomagnetic field is expected to be at unsettled to active levels, due to a coronal hole.

Event probabilities 25 jan-27 jan

Class M	05/05/05
Class X	01/01/01
Proton	01/01/01
PCAF	Green

Geomagnetic activity probabilities 25 jan-27 jan

A. Middle Latitudes

Active	05/35/35
Minor Storm	01/25/25
Major-Severe Storm	01/10/10

B. High Latitudes

Active	05/35/35
Minor Storm	01/25/25
Major-Severe Storm	01/10/10

HF propagation conditions continued normal over all regions. Similar conditions are expected on 25 January. A coronal disturbance should result in minor signal degradation for transpolar and transauroral circuits on 26 and 27 January.

COPIES OF JOINT USAF/NOAA SESC SOLAR GEOPHYSICAL REPORTS

REGIONS WIT

NMBR	LOCATION	LO	AREA	Z	LL	NN	MAG	TYPE
7652	N04W50	221	0100	HSX	02	001	ALPHA	
7654	N09W35	206	0580	DKI	10	022	BET	
7657	N10W63	234	0040	CRO	07	005	BET	
7658	N12W12	183	0090	DSO	05	010	BET	
7659	S12E26	145	0010	BX0	06	003	BET	
7661	N08E38	133	0030	CSO	03	005	BET	
7660	S08E57	114					PLAGE	

REGIONS DUE TO RET

NMBR LAT

7649 S19 079

LISTING OF SOLAR ENERGETIC EVENTS FOR 24 JANUARY, 1994

BEGIN	MAX	END	RGN	LOC	XRAY	OP	245MHZ	10CM	SWEEP
1233	1237	1239	7654	N07W32	C1.1	SF	260		
1247	1247	1247					240	20	

POSSIBLE CORONAL MASS EJECTION EVENTS FOR 24 JANUARY, 1994

BEGIN	MAX	END	LOCATION	TYPE	SIZE	DUR	II	IV
24/ 1303	1406	1436	N13W04	LDE	C1.2	93		

INFERRED CORONAL HOLES. LOCATIONS VALID AT 24/2400Z

ISOLATED HOLES AND POLAR EXT									
	EAST	SOUTH	WEST	NORTH	CAR	TYPE	POL	AREA	OBSN
58	N30W00	S14W07	N08W26	N30W00	186	ISO	POS	011	10830A
59	N60E38	N30E18	N36W02	N60E38	165	EXT			

SUMMARY OF FLARE EVENTS FOR THE PREVIOUS UTC DAY

Date	Begin	Max	End	Xray	Op	Region	Locn	2695 MHz	8800 MHz	15.4 GHz
23 Jan:	1242	1302	1313	C2.9	1F	7654	N06W17			

2344 2347 2351 B4.7

REGION FLARE STATISTICS FOR THE PREVIOUS UTC DAY

```
-----
              C   M   X       S   1   2   3   4   Total   (%)
              --   --   --       --   --   --   --   --   ---   -
Region 7654:   1   0   0       0   1   0   0   0     001   (50.0)
Uncorrelated: 0   0   0       0   0   0   0   0     001   (50.0)
```

Total Events: 002 optical and x-ray.

EVENTS WIT

```
-----
Date   Begin   Max    End   Xray   Op Region   Locn      Sweeps/Optical Observations
-----
                                NO EVENTS OBSERVED.
```

NOTES:

All times are in Universal Time (UT). Characters preceding begin, max, and end times are defined as: B = Before, U = Uncertain, A = After. All times associated with x-ray flares (ex. flares which produce associated x-ray bursts) refer to the begin, max, and end times of the x-rays. Flares which are not associated with x-ray signatures use the optical observations to determine the begin, max, and end times.

Acronyms used to identify sweeps and optical phenomena include:

II = Type II Sweep Frequency Event
III = Type III Sweep
IV = Type IV Sweep
V = Type V Sweep
Continuum = Continuum Radio Event
Loop = Loop Prominence System,
Spray = Limb Spray,
Surge = Bright Limb Surge,
EPL = Eruptive Prominence on the Limb.

** End of Daily Report **

```
-----
Date: 21 Jan 94 13:29:51 GMT
From: agate!howland.reston.ans.net!newsserver.jvnc.net!raffles.technet.sg!ntuix!
```

ntuvax.ntu.ac.sg!asirene@ucbvax.berkeley.edu
Subject: Global Alert For All: Jesus is Coming Soon
To: info-hams@ucsd.edu

>No... read the description more carefully. You will find that the Ark of
>the Covenant is basically a *large* capacitor (wooden box with metal inside
>and metal outside). Penalty for unauthorised contact was a lightning bolt,
>although presumably you got let off if it was raining :-)

Why does one get let off if it was raining? Capacitance leakage? :)

>Dave

73 de 9VG Daniel

Date: Sun, 23 Jan 1994 17:27
From: ucsnews!sol.ctr.columbia.edu!howland.reston.ans.net!agate!library.ucla.edu!
news.mic.ucla.edu!MVS.OAC.UCLA.EDU!CSMSCST@network.ucsd.edu
Subject: LA Comms
To: info-hams@ucsd.edu

In article <1994Jan19.154907.17558@rsg1.er.usgs.gov>,
bodoh@dgg.cr.usgs.gov (Tom Bodoh) writes:

>cellular system must tie into (and depend on) the land-line phone system
>as well as power and is no more reliable than the land-line phone system...

While I understand your (theoretical) point, as a matter of fact
several of our employees had *much better* luck with their cell
phones than with their home phones in reaching us in the first 24
hrs following the quake. One of our managers was able to stay in
touch *only* via her cell phone - she had no trouble getting a dial
tone on the cell system, while her home phone had a several minute
wait for a dial tone, and then usually got an "all circuits busy"
msg after dialing.

-- 73 de Chris Thomas, AA6SQ (ex-WA6HTJ) (CSMSCST@MVS.OAC.UCLA.EDU)

Date: Fri, 21 Jan 1994 07:37:11 MST
From: destroyer!nntp.cs.ubc.ca!alberta!adec23!ve6mgs!usenet@uunet.uu.net
Subject: Weekly Solar Terrestrial Forecast & Review for 22 January
To: info-hams@ucsd.edu

--- SOLAR TERRESTRIAL FORECAST AND REVIEW ---
January 21 to January 30, 1994

Report Released by Solar Terrestrial Dispatch
P.O. Box 357, Stirling, Alberta, Canada
T0K 2E0
Accessible BBS System: (403) 756-3008

SOLAR AND GEOPHYSICAL ACTIVITY FORECASTS AT A GLANCE

	10.7 cm	HF Propagation							+/-	CON				SID				AU.BKSR DX				Mag	Aurora			
	SolrFlx	LO	MI	HI	PO	SWF	%MUF	%	ENH	LO	MI	HI	LO	MI	HI	%	K	Ap	LO	MI	HI					
--		-----								-----				-----					----		-----					
21	105	VG	G	F	F	30	00	70	30	NA	NA	NA	01	15	20	35	2	12	NV	NV	LO					
22	105	G	G	P	P	30	-15	65	30	NA	NA	NA	02	20	35	30	4	22	NV	LO	MO					
23	110	VG	G	P	F	30	-10	65	30	NA	NA	NA	02	15	25	30	3	18	NV	LO	MO					
24	110	VG	G	F	F	30	00	65	30	NA	NA	NA	01	10	20	35	3	14	NV	NV	LO					
25	110	VG	G	F	F	30	00	65	30	NA	NA	NA	01	10	20	40	3	12	NV	NV	LO					
26	105	VG	G	F	F	30	00	65	30	NA	NA	NA	01	10	20	40	2	10	NV	NV	LO					
27	105	VG	G	F	F	30	00	65	30	NA	NA	NA	02	15	25	40	3	12	NV	NV	MO					
28	100	G	G	P	P	30	-15	65	30	NA	NA	NA	03	30	40	30	4	22	NV	LO	MO					
29	97	VG	G	P	P	30	-10	65	30	NA	NA	NA	03	25	35	35	3	15	NV	LO	MO					
30	95	VG	G	F	F	30	00	65	30	NA	NA	NA	02	20	30	35	2	12	NV	NV	LO					

PEAK PLANETARY 10-DAY GEOMAGNETIC ACTIVITY OUTLOOK (21 JAN - 30 JAN)

EXTREMELY SEVERE																					HIGH
VERY SEVERE STORM																					HIGH
SEVERE STORM																					MODERATE
MAJOR STORM																					LOW - MOD.
MINOR STORM																					LOW
VERY ACTIVE		*	*										*								NONE
ACTIVE		***	***	**	*				*	***	**										NONE
UNSETTLED	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	NONE
QUIET	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	NONE
VERY QUIET	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	***	NONE

Geomagnetic Field	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	Anomaly										
Conditions	Given in 8-hour UT intervals										Intensity										

CONFIDENCE LEVEL: 65%

NOTES:

60-DAY GRAPHICAL ANALYSIS OF GEOMAGNETIC ACTIVITY

Chart Start Date: Day #327

Q = Quiet, U = Unsettled, A = Active, M = Minor Storm,
J = Major Storm, and S = Severe Storm.

151	
148	*

```

145 |                                     **
142 |                                     *  **
139 |                                   *  *****
136 |                                   *  *****  *
133 |                                   **  *****  *
130 |                                   **  *****  **
127 |                                   *****
124 |                                   *****
121 |                                   *****
118 |                                   *****
115 |                                   *****
112 |                                   *****
109 |                                   *****
106 |                                   *****
103 |                                   *****  *  **
100 | **  *****  *****  *****
097 | ***  *****  *****  *****
094 | ***  *****  *****  *****
091 | ****  *****  *****  *****
088 | *****  *****  *****  *****
085 | *****  *****  *****  *****
082 | *****  *****  *****  *****

```

Chart Start: Day #327

GRAPHICAL ANALYSIS OF 90-DAY AVERAGE SOLAR FLUX

```

104 | -----
103 |                                     *
102 |                                     *****
101 |                                     *****
100 |                                     *****
099 |                                     *****
098 |                                     *****
097 |                                     *****
096 |                                     *****
095 |                                     *****
094 | *****  *****  *****  *****
093 | *****  *****  *****  *****

```

Chart Start: Day #327

NOTES:

The 10.7 cm solar radio flux is plotted from data reported by the Penticton Radio Observatory (formerly the ARO from

Ottawa). High solar flux levels denote higher levels of activity and a greater number of sunspot groups on the Sun. The 90-day mean solar flux graph is charted from the 90-day mean of the 10.7 cm solar radio flux.

CUMULATIVE GRAPHICAL CHART OF SUNSPOT NUMBERS

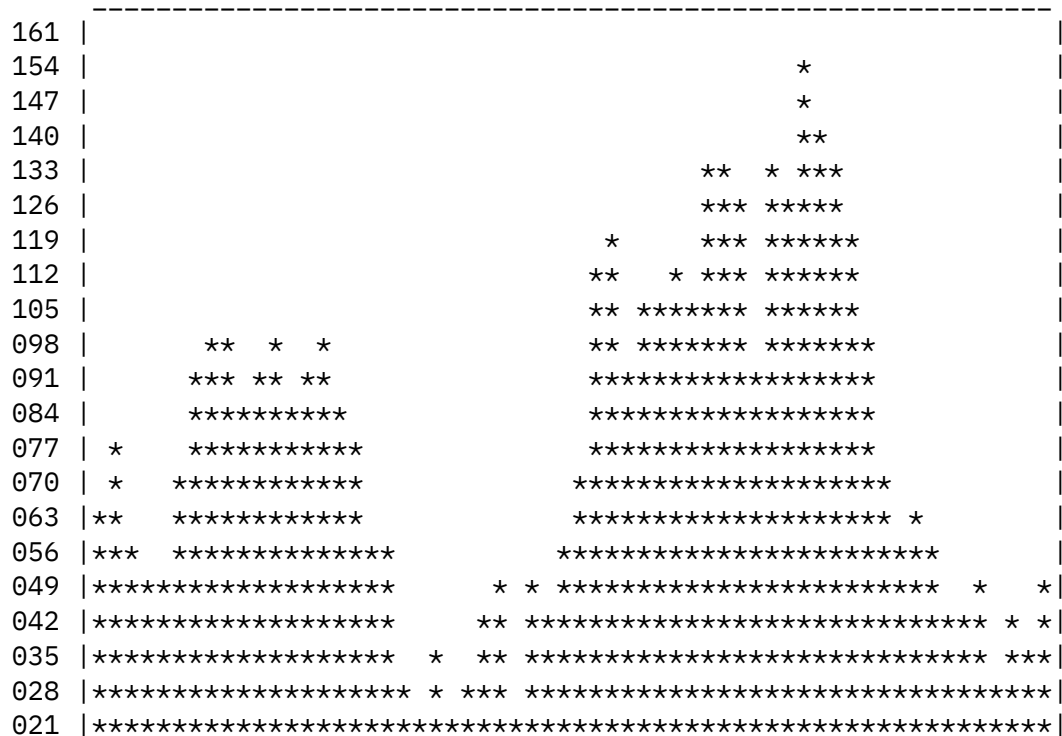


Chart Start: Day #327

NOTES:

The graphical chart of sunspot numbers is created from the daily sunspot number counts as reported by the SESC.

HF RADIO SIGNAL PROPAGATION PREDICTIONS (21 JAN - 30 JAN)

High Latitude Paths

	EXTREMELY GOOD												
	VERY GOOD												
	GOOD												
CONFIDENCE LEVEL	FAIR	***	*	*	**	**	***	**	*	*	*	**	
-----	POOR		* *	* *	*	*			*	*	*	*	*

65%	VERY POOR											
	EXTREMELY POOR											

	PROPAGATION	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	QUALITY	Given in 8 Local-Hour Intervals										

Middle Latitude Paths

CONFIDENCE LEVEL ----- 65%	EXTREMELY GOOD											
	VERY GOOD											
	GOOD	***	**	**	***	***	***	***	***	**	**	***
	FAIR		*	*						*	*	
	POOR											
	VERY POOR											
	EXTREMELY POOR											
	-----		-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	PROPAGATION	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	QUALITY	Given in 8 Local-Hour Intervals										

Low Latitude Paths

CONFIDENCE LEVEL ----- 70%	EXTREMELY GOOD											
	VERY GOOD	*					*	*				
	GOOD	* *	***	***	***	* *	* *	***	***	***	***	
	FAIR											
	POOR											
	VERY POOR											
	EXTREMELY POOR											

	PROPAGATION	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	QUALITY	Given in 8 Local-Hour Intervals										

NOTES:

NORTHERN HEMISPHERE			SOUTHERN HEMISPHERE		
High latitudes	>= 55	deg. N.	High latitudes	>= 55	deg. S.
Middle latitudes	>= 40 < 55	deg. N.	Middle latitudes	>= 30 < 55	deg. S.
Low latitudes	< 40	deg. N.	Low latitudes	< 30	deg. S.

POTENTIAL VHF DX PROPAGATION PREDICTIONS (21 JAN - 30 JAN)

INCLUDES SID AND AURORAL BACKSCATTER ENHANCEMENT PREDICTIONS

HIGH LATITUDES

FORECAST	Given in 8 hour local time intervals										SWF/SID ENHANCEMENT
CONFIDENCE	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	F S S M T W T F S S

[illegible]

MIDDLE LATITUDES

FORECAST Given in 8 hour local time intervals											SWF/SID ENHANCEMENT										
CONFIDENCE	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	F	S	S	M	T	W	T	F	S	S	
-----	---	---	---	---	---	---	---	---	---	---	-	-	-	-	-	-	-	-	-	-	
0%	***	***	***	***	***	***	***	***	***	***	0%	*	*	*	*	*	*	*	*	*	
20%	***	***	***	***	***	***	***	***	***	***	20%	*	*	*	*	*	*	*	*	*	
40%	***	***	***	***	***	***	***	***	***	***	40%	*	*	*	*	*	*	*	*	*	
60%	***	***	**	***	***	***	***	***	**	***	60%										
80%											80%										
100%											100%										
=====	===	===	===	===	===	===	===	===	===	===		-----									
100%											100%										
80%											80%										
60%											60%										
40%	***	**	**	***	***	***	**	*	**	***	40%										
20%	***	***	***	***	***	***	***	***	***	***	20%	*	*					*	*		
0%	***	***	***	***	***	***	***	***	***	***	0%	*	*	*	*	*	*	*	*	*	
-----	---	---	---	---	---	---	---	---	---	---		-	-	-	-	-	-	-	-	-	
CHANCE OF	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	F	S	S	M	T	W	T	F	S	S	
VHF DX	Given in 8 hour local time intervals										AURORAL BACKSCATTER										

LOW LATITUDES

FORECAST Given in 8 hour local time intervals											SWF/SID ENHANCEMENT										
CONFIDENCE Fri Sat Sun Mon Tue Wed Thu Fri Sat Sun											F S S M T W T F S S										
											- - - - - - - - - -										

[illegible]

NOTES:

These VHF DX prediction charts are defined for the 30 MHz to 220 MHz bands. They are based primarily on phenomena which can affect VHF DX propagation globally. They should be used only as a guide to potential DX conditions on VHF bands. Latitudinal boundaries are the same as those for the HF predictions charts.

AURORAL ACTIVITY PREDICTIONS (21 JAN - 30 JAN)

High Latitude Locations

CONFIDENCE LEVEL ----- 65%	EXTREMELY HIGH											
	VERY HIGH											
	HIGH											
	MODERATE	*	**	**	*		*	*	*			
	LOW	***	***	***	***	***	***	***	***	***	***	
	NOT VISIBLE	***	***	***	***	***	***	***	***	***	***	

	AURORAL	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
	INTENSITY	Eve.Twilight/Midnight/Morn.Twilight										

Middle Latitude Locations

		CONFIDENCE LEVEL									
		EXTREMELY HIGH	VERY HIGH	HIGH	MODERATE	LOW					
65%		*	**	*	*				*	*	*

NOT VISIBLE	***	***	***	***	***	***	***	***	***	***	***
-----	---	---	---	---	---	---	---	---	---	---	---
AURORAL	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun	
INTENSITY	Eve.Twilight/Midnight/Morn.Twilight										

Low Latitude Locations

CONFIDENCE LEVEL ----- 80%	EXTREMELY HIGH										
	VERY HIGH										
	HIGH										
	MODERATE										
	LOW										
	NOT VISIBLE	***	***	***	***	***	***	***	***	***	***
	-----	---	---	---	---	---	---	---	---	---	---
	AURORAL	Fri	Sat	Sun	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	INTENSITY	Eve.Twilight/Midnight/Morn.Twilight									

NOTE:

Version 2.00b of our Professional Dynamic Auroral Oval Simulation Software Package is now available. This professional software is particularly valuable to radio communicators, aurora photographers, educators, and astronomers. For more information regarding this software, contact: "Oler@Rho.Uleth.CA", or "C0ler@Solar.Stanford.Edu".

For more information regarding these charts, send a request for the document, "Understanding Solar Terrestrial Reports" to: "Oler@Rho.Uleth.Ca" or to: "C0ler@Solar.Stanford.Edu". This document, as well as others and related data/forecasts exist on the STD BBS at: (403) 756-3008.

** End of Report **

Date: Tue, 25 Jan 1994 01:30:28 GMT
From: agate!library.ucla.edu!news.ucdavis.edu!chip.ucdavis.edu!
ez006683@network.ucsd.edu
Subject: WWCR 5.810MHZ 8pm 12pm Eastern(CHECK IT OUT!!)
To: info-hams@ucsd.edu

aghoddo@eos.ncsu.edu wrote:

: I thought some of you might be interested to check out a very interesting
: program called the Hour of the Time by William Cooper on WWCR(world wide
: christian radio). There are two programs nightly at 8pm and 12pm. Enjoy!

Please post this to rec.radio.amateur.pulpit.religion

--

```
*-----*
* Daniel D. Todd      Packet: KC6UUD@KE6LW.#nocal.ca.usa      *
*                      Internet: ddtodd@ucdavis.edu             *
*                      Snail Mail: 1750 Hanover #102            *
*                      Davis CA 95616                          *
*-----*
*      I do not speak for the University of California....    *
*      and it sure as hell doesn't speak for me!!             *
*-----*
```

Date: (null)
From: (null)
SB SPCL ARL ARLX006
ARLX006 Film gets honors

Film gets honors

Ham Radio Horizons, a film introducing non-hams to Amateur Radio,
was a finalist in the New York Festivals International Non-Broadcast
Media competition for 1993.

The 49-minute film is part of the CQ Communications video library,
which also includes films on satellite operation, DXing, contests,
and packet radio.

Executive producer of the film was ARRL Northern New Jersey Section
Manager Rich Moseson, NW2L.

The awards were presented January 14 in New York City.

NNNN
/EX

Date: (null)
From: (null)
SB QST ARL ARLB010
ARLB010 QSL Bureau statistics

QSL bureau statistics

In 1993 ARRL members sent about 7.25 tons of QSL cards to the ARRL Outgoing QSL Bureau, and the Bureau shipped them out. This was 2,182,000 cards for DX destinations.

The US Incoming QSL Bureau's volunteers sorted just over two million cards in 1993, as well.

Information on the operation of the QSL Bureaus is on pages 98 and 99 of QST for January 1994.

NNNN

/EX

Date: (null)

From: (null)

SB SPCL ARL ARLX004

ARLX004 TAPR Annual meeting

Packet meeting scheduled

Tucson Amateur Packet Radio (TAPR) has scheduled its annual meeting for March 4-6 in Tucson at the Best Western Inn at the Airport.

The annual meeting will feature presentations and papers on several new hardware projects, discussions, and hands-on demonstrations.

The afternoon session on Saturday will feature a mini-symposium on future directions in amateur packet radio.

For more information contact Program Chairman Keith Justice, KF7TP, at 602-461-8687, or contact TAPR, 8987-309 East Tanque Verde Road, No. 337, Tucson AZ 85749. Their voice mail system number is 817-383-0000; the fax number is 817-566-2544.

NNNN

/EX

Date: (null)

From: (null)

SB SPCL ARL ARLX005

ARLX005 Scholarships announced

Scholarships announced

The Foundation for Amateur Radio will administer 49 scholarships for the 1994-95 academic year to assist licensed amateurs who are

students.

The awards, from 500 to 2000 dollars, are available to full time college students, including those who have been accepted for 1994.

Additional information and application forms should be requested before April 30, 1994, from FAR Scholarships, 6903 Rhode Island Ave., College Park MD 20740.

NNNN

/EX

End of Info-Hams Digest V94 #73
